

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP
(Rev. 5/92) 225 Franklin Street, Boston, MA 02110
Telephone: (617) 426-9180

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

MIT.10059
ATTORNEY DOCKET NO.

APPLICANT: Soljagic et al.

FILING DATE: Herewith
12/3/03

~~Unknown~~ SERIAL NO. 10726454

GROUP: ~~Unknown~~ 2883

EXAMINER: ~~Unknown~~
Mooney

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AC						
	AD						
	AE						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
mpm	AF	"Intracavity Electromagnetically Induced Transparency," Lukin et al. <i>Optics Letters</i> . February 1998. Vol. 23, No. 4.
	AG	"Observation of Coherent Optical Information Storage in an Atomic Medium Using Halted Light Pulses," Liu et al. <i>Nature</i> . January 2001. Vol. 409.
	AH	"Nonlinear Optics at Low Light Levels," Harris et al. <i>Physical Review Letters</i> . June 1999. Vol. 82, No. 23.
	AI	"Observation of Ultraslow and Stored Light Pulses in a Solid," Turukhin et al. <i>Physical Review Letters</i> . January 2002. Vol. 88, No. 2.
	AJ	"Efficient Electromagnetically Induced Transparency in a Rare-Earth Doped Crystal," Ham et al. <i>Optics Communications</i> . December 1997. Vol. 144.
	AK	"Nonlinear Optical Processes Using Electromagnetically Induced Transparency," Harris et al. <i>Physical Review Letters</i> . March 1990. Vol. 64, No. 10.
	AL	"Electromagnetically Induced Transparency," Harris. <i>Physics Today</i> . July 1997.
	AM	"Photonic-Bandgap Microcavities in Optical Waveguides," Foresi et al. <i>Nature</i> . November 1997. Vol. 390.
mpm	AN	"Cavity-QED Using Quantum Dots," Imamoglu. <i>Optics & Photonic News</i> . August 2002.

EXAMINER

Mich. P. Mooney

DATE CONSIDERED

7/21/05

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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MIT.10059
ATTORNEY DOCKET NO.

10/726,454
SERIAL NO.

APPLICANT: Soljacic et al.

GROUP: ~~2874~~ 2883

FILING DATE: 12/03/2003

EXAMINER: ~~Unknown~~
Mooney

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
MPM	AF	"Self-Induced transparency and giant nonlinearity in doped photonic crystals," Kurizki et al. <i>J. Opt. Soc. Am. B</i> . September 2002. Vol. 19, No. 9.
	AG	"Enhancement of Phase Sensitivity by Exploring Slow Light in Photonic Crystals," Soljacic et al. <i>Proceedings of SPIE</i> . 2002. Vol. 4870.
	AH	"Variable Semiconductor All-Optical Buffer," Ku et al. <i>Electronics Letters</i> . November 2002. Vol. 38, No. 24.
	AI	"Si-based Photonic Crystals and Photonic-Band-Gap Waveguides," Notomi et al. <i>Proceedings of SPIE</i> . 2002. Vol. 4655.
MPM	AJ	"Photonic Crystal Microcavities for Cavity Quantum Electrodynamics," Reese et al. <i>Proceedings of SPIE</i> . 2002. Vol. 4655.
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	AL	
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